

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO

Report Number: P997249

Luminaire Tested: **SMX8SLSFS010-1500LM-4000K**

Issue Date: 3/11/2025

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

**Test Information**

Test Method: LM-41-14
Report Number: P997249
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2411376A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX8SLSFS010-1500LM-4000K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

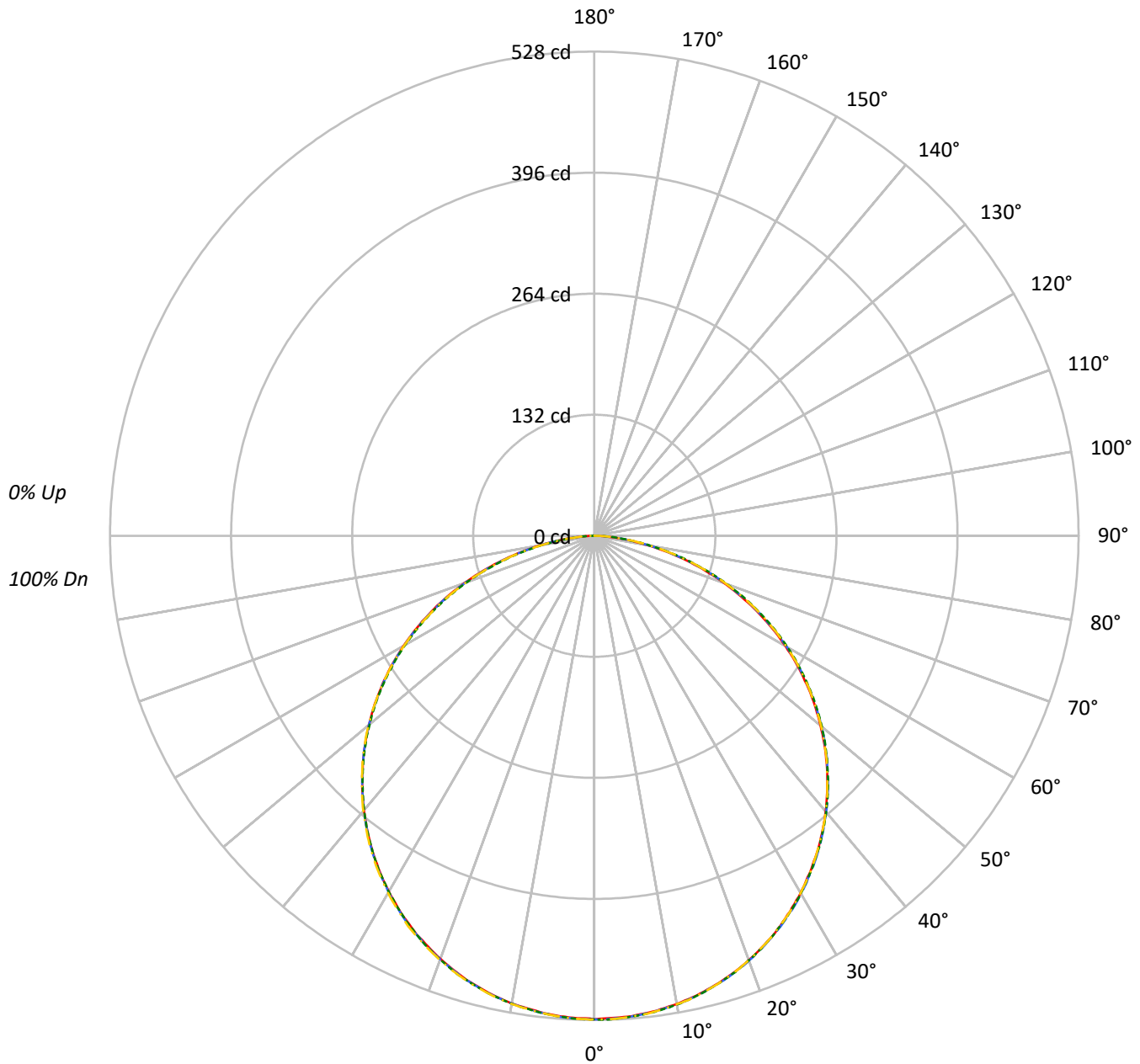
Lumens per Lamp: N/A
Luminaire Lumens: 1535.9 lumens
Efficiency: N/A
Efficacy: 99.1 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84		
2	99	90	83	78	96	88	82	77	85	79	75	82	77	73	78	75	71	69		
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58		
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49		
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43		
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37		
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33		
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26		
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12646	12646	12646	12646
5°	12630	12651	12620	12637
10°	12622	12639	12608	12615
15°	12598	12613	12574	12588
20°	12567	12572	12526	12552
25°	12514	12522	12472	12483
30°	12451	12473	12407	12412
35°	12373	12394	12329	12332
40°	12286	12311	12230	12223
45°	12164	12201	12113	12089
50°	12012	12079	11960	11926
55°	11818	11902	11785	11710
60°	11543	11668	11524	11419
65°	11138	11314	11138	10984
70°	10551	10776	10565	10341
75°	9635	9932	9663	9348
80°	8189	8603	8244	7829
85°	6025	6768	6245	5475



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.9	3.2
10°-20°	143.3	9.3
20°-30°	217.9	14.2
30°-40°	264.2	17.2
40°-50°	276.4	18.0
50°-60°	252.4	16.4
60°-70°	194.2	12.6
70°-80°	110.1	7.2
80°-90°	27.6	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	411.1	26.8
0°-40°	675.3	44.0
0°-60°	1204.0	78.4
0°-90°	1535.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1535.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	525	526	524	525	525	50
15°	508	508	506	507	508	143
25°	473	473	471	472	473	218
35°	423	423	421	421	423	264
45°	359	360	357	356	359	277
55°	283	285	282	280	283	252
65°	196	199	196	194	196	194
75°	104	107	104	101	104	110
85°	22	25	23	20	22	27
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	527.4	527.4	527.4	527.4	527.4	527.4	527.4	527.4	527.4	527.4	527.4
0.5°	526.7	527.4	527.5	527.5	527.7	527.1	527.5	527.4	526.6	527.4	527.3
1°	526.7	527.6	527.4	527.6	527.8	527.1	527.6	527.4	526.4	527.5	527.1
1.5°	526.5	527.3	527.3	527.6	527.8	527.0	527.6	527.1	526.4	527.4	527.0
2°	526.3	527.1	527.0	527.6	527.7	526.8	527.4	527.2	526.5	527.2	526.9
2.5°	526.1	526.8	526.8	527.1	527.3	526.8	527.2	526.9	526.2	526.8	526.8
3°	526.1	526.6	526.5	526.8	526.9	526.4	527.0	526.8	526.0	526.6	526.6
3.5°	525.8	526.5	526.5	526.6	526.5	526.3	526.6	526.1	525.5	526.2	526.3
4°	525.8	526.2	526.1	526.3	526.3	526.0	526.3	525.9	525.4	526.0	526.0
4.5°	525.4	525.5	525.7	526.1	525.8	525.7	526.0	525.4	524.8	525.7	525.4
5°	524.7	525.3	525.2	525.8	525.6	525.1	525.4	525.2	524.3	524.9	525.0
5.5°	524.3	524.7	524.7	525.0	525.0	524.7	525.3	524.6	523.9	524.4	524.2
6°	523.7	524.4	524.2	524.8	524.7	524.2	524.7	524.1	523.4	523.9	523.8
6.5°	523.3	523.8	523.7	524.2	524.1	523.7	524.2	523.7	522.8	523.1	523.1
7°	522.7	523.3	523.2	523.9	523.7	523.1	523.4	523.2	522.0	522.7	522.7
7.5°	522.3	522.4	522.5	523.1	523.0	522.6	522.8	522.3	521.4	522.0	521.9
8°	521.2	521.9	521.9	522.4	522.3	521.8	521.8	521.6	520.7	521.2	521.3
8.5°	520.7	521.2	521.2	521.4	521.4	521.3	521.4	520.8	520.0	520.4	520.4
9°	519.7	520.5	520.4	520.8	521.0	520.4	520.4	520.3	519.4	519.4	519.7
9.5°	519.2	519.7	519.7	519.9	519.9	519.5	519.8	519.4	518.6	518.6	518.8
10°	518.4	519.0	519.1	519.2	519.1	518.5	518.6	518.6	517.8	518.1	517.9
10.5°	517.4	518.0	518.1	518.3	518.3	517.8	518.1	517.5	516.9	517.0	517.0
11°	516.3	517.2	517.1	517.5	517.2	516.8	517.3	516.8	515.9	516.0	516.2
11.5°	515.6	516.3	515.9	516.4	516.2	516.1	516.5	515.7	514.8	515.2	515.1
12°	514.6	515.4	515.2	515.2	515.4	514.8	515.2	514.4	513.8	514.2	514.3
12.5°	513.6	514.3	514.1	514.2	514.0	513.8	514.3	513.5	512.8	513.2	513.0
13°	512.3	513.4	512.9	513.3	513.2	512.5	512.8	512.4	511.6	511.7	512.0
13.5°	511.2	512.1	511.7	512.0	511.9	511.5	511.8	511.4	510.4	510.8	510.7
14°	509.8	511.0	510.3	510.9	510.7	510.5	510.4	510.2	509.0	509.4	509.6
14.5°	508.8	509.7	509.3	509.5	509.3	509.0	509.3	508.9	507.8	508.2	508.1
15°	507.5	508.6	508.1	508.3	508.1	507.7	508.0	507.7	506.5	506.9	507.1
15.5°	506.3	507.1	506.8	506.7	506.8	506.4	506.7	506.1	505.2	505.6	505.4
16°	505.0	505.8	505.4	505.4	505.5	505.1	505.2	504.8	504.0	503.8	504.2
16.5°	503.6	504.6	504.1	504.0	503.8	503.5	503.9	503.3	502.4	502.8	502.5
17°	501.9	503.1	502.6	502.5	502.6	502.1	502.4	501.9	500.9	501.1	501.1
17.5°	500.6	501.4	501.2	501.1	500.8	500.7	501.0	500.5	499.2	499.7	499.6
18°	499.1	499.9	499.6	499.6	499.7	499.1	499.3	498.8	497.7	497.9	498.3
18.5°	497.7	498.2	498.2	497.9	497.8	497.4	497.8	497.2	496.1	496.3	496.3
19°	495.8	496.9	496.5	496.3	496.1	495.7	495.9	495.3	494.3	494.5	494.8
19.5°	494.2	495.2	495.0	494.5	494.3	494.2	494.3	493.5	492.7	492.9	493.1
20°	492.5	493.6	493.1	493.0	492.7	492.6	492.5	491.8	490.9	491.0	491.5
20.5°	490.8	491.6	491.5	491.0	491.0	490.9	490.9	490.3	489.1	489.4	489.6
21°	489.0	490.1	489.6	489.4	489.3	489.1	489.1	488.1	487.3	487.7	488.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	483.5	484.0	483.9	483.7	483.6	483.4	483.4	482.4	481.5	482.1	482.2
23°	481.4	482.2	481.9	481.6	481.8	481.4	481.5	480.7	479.5	480.2	480.4
23.5°	479.6	480.3	480.0	479.6	479.9	479.3	479.5	478.7	477.7	478.0	478.0
24°	477.5	478.5	478.0	477.5	477.8	477.3	477.5	476.5	475.9	475.9	476.3
24.5°	475.5	476.4	476.0	475.7	475.6	475.3	475.3	474.6	473.6	473.9	474.2
25°	473.0	474.3	474.0	473.7	473.3	473.1	473.1	472.3	471.4	472.0	472.3
25.5°	471.2	471.9	471.9	471.4	471.2	470.9	471.1	470.2	469.1	469.8	470.0
26°	468.6	469.8	469.7	469.3	469.0	468.7	468.8	467.9	467.0	467.5	468.0
26.5°	466.5	467.5	467.4	466.9	467.0	466.3	466.6	465.8	464.9	465.2	465.5
27°	464.0	465.3	465.3	464.8	464.7	464.1	464.2	463.3	462.7	463.0	463.3
27.5°	462.0	462.9	463.0	462.5	462.4	462.0	462.0	461.3	460.3	460.7	460.7
28°	459.3	460.5	460.7	460.2	460.1	459.6	459.6	458.7	457.8	458.1	458.5
28.5°	457.0	458.0	458.3	457.7	457.8	457.4	457.2	456.6	455.1	455.8	455.9
29°	454.5	455.7	455.8	455.3	455.4	454.7	454.6	454.0	453.0	453.5	453.7
29.5°	452.3	453.2	453.4	452.9	453.0	452.3	452.3	451.5	450.6	451.0	451.2
30°	449.7	450.5	450.8	450.3	450.5	449.6	449.8	449.0	448.1	448.4	448.7
30.5°	447.2	448.1	448.4	447.7	447.9	447.3	447.1	446.3	445.4	445.8	446.0
31°	444.5	445.4	445.6	445.2	445.5	444.7	444.7	443.7	442.9	443.1	443.6
31.5°	441.9	442.6	443.1	442.5	442.5	442.2	442.0	441.1	440.3	440.4	440.8
32°	439.1	439.8	440.1	439.8	439.9	439.6	439.4	438.4	437.8	437.7	438.3
32.5°	436.8	437.3	437.8	437.5	437.3	437.0	436.7	436.0	435.1	435.4	435.7
33°	434.2	434.7	435.1	434.8	434.8	434.3	434.3	433.2	432.4	432.6	433.0
33.5°	431.1	431.9	432.5	432.0	431.8	431.7	431.2	430.5	429.3	429.9	430.1
34°	428.2	429.1	429.7	429.2	429.1	428.8	428.4	427.8	426.8	427.0	427.5
34.5°	425.6	426.4	426.8	426.4	426.1	426.1	425.7	424.9	423.8	424.4	424.7
35°	422.7	423.5	423.8	423.5	423.4	423.2	422.8	421.8	421.2	421.3	421.6
35.5°	420.0	420.7	421.0	420.6	420.6	420.3	419.8	419.0	418.0	418.9	418.8
36°	416.9	417.8	418.1	417.7	417.9	417.3	416.9	416.3	415.4	415.8	415.9
36.5°	414.0	414.6	415.2	414.7	414.9	414.6	413.8	413.3	412.2	412.8	412.7
37°	411.0	411.5	411.9	411.8	411.8	411.4	411.1	410.4	409.3	409.7	409.8
37.5°	408.1	408.5	409.0	408.8	408.7	408.4	408.0	407.1	406.2	406.9	406.4
38°	405.0	405.5	405.9	405.7	405.6	405.1	404.8	404.0	403.3	403.9	403.6
38.5°	401.9	402.5	402.7	402.8	402.6	402.4	401.7	400.9	400.0	401.0	400.4
39°	398.7	399.4	399.5	399.6	399.5	399.2	398.7	397.8	397.0	397.6	397.2
39.5°	395.6	396.3	396.4	396.4	396.5	396.3	395.7	395.0	393.8	394.6	394.3
40°	392.5	393.1	393.3	393.3	393.3	393.1	392.5	391.6	390.7	391.3	391.0
40.5°	389.1	389.9	390.1	390.1	389.9	389.9	389.2	388.3	387.4	388.1	387.6
41°	385.9	386.7	387.0	386.7	386.7	386.6	386.1	385.1	384.2	384.7	384.4
41.5°	382.6	383.2	383.8	383.5	383.7	383.3	382.7	381.7	380.9	381.2	381.0
42°	379.3	379.9	380.2	380.3	380.4	379.8	379.5	378.3	377.6	377.7	377.8
42.5°	375.9	376.7	377.1	377.0	377.0	376.4	376.0	375.0	374.4	374.6	374.5
43°	372.5	373.4	373.6	373.6	373.7	373.1	372.6	371.7	371.0	371.3	371.1
43.5°	369.1	369.9	370.1	370.1	370.2	369.6	369.2	368.3	367.5	368.0	367.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	358.7	359.6	359.8	360.0	359.8	359.4	358.8	357.9	357.2	357.5	357.2
45.5°	355.2	356.0	356.3	356.4	356.3	355.9	355.4	354.6	353.8	354.2	353.7
46°	351.6	352.5	353.0	353.1	352.9	352.6	352.1	351.1	350.3	350.6	350.2
46.5°	348.2	348.7	349.3	349.5	349.4	349.3	348.6	347.7	346.6	347.0	346.7
47°	344.4	345.2	345.7	345.9	345.8	345.4	345.0	344.1	343.0	343.4	343.1
47.5°	340.9	341.5	341.9	342.2	342.1	341.9	341.0	340.3	339.3	339.8	339.4
48°	337.0	338.0	338.3	338.5	338.7	338.0	337.5	336.6	335.7	335.9	335.7
48.5°	333.4	334.1	334.7	334.8	335.1	334.5	333.9	333.1	332.1	332.3	331.9
49°	329.4	330.4	330.9	331.1	331.2	330.8	330.4	329.2	328.2	328.6	328.2
49.5°	325.7	326.6	327.1	327.4	327.5	327.0	326.6	325.5	324.4	324.9	324.3
50°	322.0	322.8	323.4	323.7	323.8	323.1	322.8	321.3	320.6	321.0	320.6
50.5°	318.1	318.9	319.5	319.6	319.9	319.4	318.7	317.4	316.8	317.1	316.8
51°	314.4	315.1	315.7	315.8	316.1	315.5	315.0	313.7	313.1	313.3	312.9
51.5°	310.4	311.5	311.9	312.0	312.5	311.9	311.2	310.2	309.4	309.6	309.3
52°	306.7	307.6	308.2	308.3	308.7	308.0	307.6	306.5	305.6	305.7	305.2
52.5°	302.7	303.6	304.1	304.3	304.6	304.3	303.6	302.5	301.8	301.8	301.2
53°	298.8	299.6	300.3	300.5	300.9	300.2	299.9	298.5	297.7	297.8	297.3
53.5°	294.8	295.6	296.2	296.4	297.0	296.4	295.6	294.7	293.7	293.9	293.3
54°	290.9	291.7	292.1	292.4	292.7	292.4	291.8	290.6	289.7	289.7	289.2
54.5°	286.6	287.6	288.2	288.1	288.8	288.3	287.7	286.6	285.7	285.8	285.1
55°	282.7	283.5	284.2	284.3	284.7	284.4	283.8	282.8	281.9	281.7	281.2
55.5°	278.4	279.4	280.2	280.2	280.8	280.3	279.7	278.6	277.7	277.6	277.1
56°	274.5	275.3	275.9	276.2	276.7	276.3	275.5	274.5	273.5	273.6	273.1
56.5°	270.5	271.5	271.9	272.2	272.6	272.4	271.6	270.5	269.6	269.5	269.1
57°	266.4	267.3	267.8	268.1	268.6	268.2	267.5	266.3	265.5	265.3	264.9
57.5°	261.7	263.1	263.6	263.8	264.4	264.1	263.4	262.1	261.4	261.1	260.7
58°	257.9	258.8	259.4	259.5	260.2	259.7	259.2	258.0	257.2	256.9	256.5
58.5°	253.7	254.6	255.2	255.2	256.2	255.7	254.9	253.8	252.8	252.8	252.3
59°	249.2	250.3	250.9	251.1	251.8	251.2	250.7	249.6	248.6	248.4	247.8
59.5°	244.8	246.0	246.6	246.6	247.6	247.1	246.5	245.5	244.4	244.3	243.5
60°	240.7	241.7	242.3	242.3	243.3	242.7	242.2	241.3	240.3	239.9	239.3
60.5°	236.3	237.3	237.9	237.9	239.1	238.6	237.9	236.9	236.1	235.6	234.9
61°	232.0	233.1	233.4	233.7	234.8	234.2	233.6	232.7	231.6	231.2	230.6
61.5°	227.7	228.8	229.3	229.3	230.5	229.8	229.2	228.4	227.2	226.8	226.3
62°	223.2	224.4	224.8	225.0	226.0	225.5	225.0	223.9	223.0	222.5	221.9
62.5°	218.9	219.9	220.5	220.3	221.8	221.2	220.5	219.6	218.5	218.2	217.4
63°	214.3	215.5	215.9	216.0	217.2	216.7	216.2	215.3	214.2	213.8	213.0
63.5°	210.0	210.9	211.4	211.5	212.8	212.2	211.6	210.8	209.8	209.3	208.5
64°	205.1	206.5	206.9	207.0	208.4	207.8	207.3	206.5	205.2	204.8	204.1
64.5°	200.7	202.0	202.4	202.4	203.9	203.3	202.7	202.1	200.6	200.1	199.6
65°	196.3	197.4	197.8	198.1	199.4	199.0	198.5	197.5	196.3	195.8	195.2
65.5°	192.0	192.9	193.3	193.4	194.9	194.5	193.9	193.1	191.8	191.3	190.7
66°	187.3	188.5	189.0	189.1	190.4	189.9	189.5	188.5	187.5	186.9	186.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997249

CATALOG NUMBER: SMX8SLSFS010-1500LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	173.4	174.8	175.4	175.4	177.0	176.5	175.9	175.0	173.8	173.1	172.4
68°	168.7	170.1	170.5	170.8	172.3	171.6	171.4	170.2	169.2	168.4	167.9
68.5°	164.5	165.5	165.9	166.2	167.5	167.0	166.7	165.5	164.5	163.8	163.3
69°	159.7	160.8	161.2	161.7	163.0	162.6	162.2	160.9	159.8	159.2	158.7
69.5°	154.9	156.1	156.7	157.0	158.5	158.0	157.6	156.3	155.2	154.4	153.9
70°	150.5	151.5	151.9	152.6	153.7	153.2	152.9	151.5	150.7	149.8	149.2
70.5°	145.8	147.1	147.6	147.9	149.2	148.7	148.3	147.0	146.0	145.3	144.6
71°	141.1	142.4	142.8	143.4	144.4	144.1	143.8	142.4	141.5	140.7	139.9
71.5°	136.4	137.7	138.2	138.7	139.9	139.5	138.9	137.5	136.7	136.0	135.3
72°	131.9	132.9	133.5	134.1	135.1	134.8	134.3	133.0	131.9	131.2	130.6
72.5°	127.0	128.3	128.9	129.5	130.5	129.9	129.4	128.4	127.3	126.6	125.8
73°	122.3	123.7	124.2	124.6	125.7	125.4	124.8	123.6	122.7	121.8	121.2
73.5°	117.5	119.0	119.5	119.9	121.0	120.6	120.1	119.0	117.8	117.1	116.4
74°	112.9	114.3	114.8	115.3	116.2	116.2	115.7	114.3	113.4	112.4	111.7
74.5°	108.5	109.8	110.3	110.5	111.6	111.5	111.0	109.5	108.7	107.9	107.5
75°	104.0	105.3	105.8	105.9	107.2	106.8	106.4	105.2	104.3	103.3	102.9
75.5°	99.3	100.7	101.1	101.2	102.7	102.2	101.9	100.7	99.5	98.8	98.3
76°	94.6	95.9	96.3	96.5	97.9	97.7	97.3	96.1	95.2	94.2	93.8
76.5°	90.0	91.3	91.9	91.9	93.5	93.1	92.8	91.5	90.3	89.5	89.1
77°	85.5	86.8	87.3	87.3	88.8	88.5	88.3	87.0	85.8	85.0	84.5
77.5°	80.9	82.3	82.8	82.7	84.4	83.9	83.8	82.4	81.3	80.5	80.2
78°	76.5	77.9	78.2	78.3	79.8	79.5	79.3	77.8	76.7	76.0	75.6
78.5°	72.1	73.4	73.8	73.9	75.3	74.9	74.6	73.4	72.4	71.7	71.3
79°	67.9	69.0	69.4	69.5	70.8	70.7	70.5	69.0	68.2	67.4	67.3
79.5°	63.6	64.7	65.2	65.3	66.5	66.4	66.1	64.8	63.9	63.0	62.8
80°	59.3	60.4	60.9	61.0	62.3	62.2	61.8	60.6	59.7	58.9	58.5
80.5°	55.0	56.2	56.7	56.8	58.2	58.0	57.6	56.4	55.7	54.9	54.6
81°	51.2	52.0	52.6	52.7	54.2	54.1	53.7	52.5	51.7	51.0	50.7
81.5°	47.2	48.0	48.6	48.7	50.3	50.0	49.6	48.5	47.7	46.9	46.6
82°	43.0	44.0	44.5	44.6	46.2	46.1	45.6	44.5	43.8	43.0	42.7
82.5°	38.9	40.0	40.5	40.7	42.2	42.2	41.8	40.8	40.1	39.4	39.0
83°	35.2	36.0	36.4	36.7	38.5	38.4	38.0	36.9	36.3	35.5	35.3
83.5°	31.5	32.3	32.6	32.8	34.7	34.6	34.2	33.3	32.6	32.0	31.7
84°	28.1	28.8	29.2	29.2	31.0	31.0	30.6	29.7	29.0	28.5	28.2
84.5°	24.9	25.7	26.0	26.0	27.6	27.6	27.3	26.5	25.9	25.4	25.2
85°	21.9	22.6	22.8	22.9	24.6	24.5	24.2	23.4	22.7	22.1	22.1
85.5°	18.9	19.6	19.8	19.9	21.4	21.4	21.1	20.3	19.6	19.3	19.1
86°	16.2	16.9	17.0	17.0	18.4	18.5	18.1	17.4	16.8	16.4	16.3
86.5°	13.7	14.5	14.5	14.4	15.6	15.6	15.4	14.7	14.1	13.8	13.8
87°	11.5	12.1	12.2	12.1	13.0	13.1	12.9	12.2	11.7	11.5	11.5
87.5°	9.5	10.1	10.2	10.0	10.8	10.8	10.7	10.0	9.6	9.4	9.4
88°	7.9	8.3	8.3	8.1	8.6	8.7	8.5	8.1	7.6	7.6	7.6
88.5°	6.6	6.8	6.8	6.6	6.7	6.9	6.8	6.2	5.8	5.9	6.1

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



TEST NUMBER: P997249
CATALOG NUMBER: SMX8SLSFS010-1500LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997249

CATALOG NUMBER: SMX8SLSFS010-1500LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	527.4	527.4	527.4	527.4	527.4	527.4
0.5°	527.6	527.5	527.1	527.8	527.4	526.7
1°	527.6	527.5	526.8	527.3	527.7	526.7
1.5°	527.1	527.4	526.9	527.4	527.3	526.5
2°	527.2	527.1	526.8	527.1	527.2	526.3
2.5°	526.7	526.9	526.8	527.0	526.7	526.1
3°	526.7	526.5	526.4	526.5	526.8	526.1
3.5°	526.1	526.1	526.2	526.5	526.4	525.8
4°	526.0	525.8	525.5	525.8	526.2	525.8
4.5°	525.4	525.4	525.2	525.5	525.5	525.4
5°	525.1	525.0	524.8	524.9	525.2	524.7
5.5°	524.4	524.3	524.3	524.6	524.6	524.3
6°	524.0	524.0	523.6	523.7	524.2	523.7
6.5°	523.3	523.4	523.1	523.3	523.5	523.3
7°	522.8	522.6	522.4	522.8	523.1	522.7
7.5°	522.0	521.9	521.7	522.0	522.3	522.3
8°	521.6	521.1	520.9	521.1	521.8	521.2
8.5°	520.8	520.5	520.4	520.9	520.8	520.7
9°	520.0	519.9	519.5	520.0	520.3	519.7
9.5°	519.1	519.0	518.8	519.3	519.4	519.2
10°	518.4	518.1	517.7	518.4	518.7	518.4
10.5°	517.3	517.3	516.8	517.5	517.8	517.4
11°	516.5	516.3	516.1	516.6	517.0	516.3
11.5°	515.2	515.3	515.2	515.6	515.8	515.6
12°	514.2	514.1	513.9	514.6	514.8	514.6
12.5°	513.0	513.2	513.1	513.6	513.7	513.6
13°	512.1	512.3	511.6	512.4	512.7	512.3
13.5°	510.6	511.0	510.6	511.1	511.4	511.2
14°	509.6	509.7	509.1	509.8	510.3	509.8
14.5°	508.4	508.4	508.0	508.7	508.9	508.8
15°	507.0	507.1	506.5	507.6	507.9	507.5
15.5°	505.6	505.9	505.4	506.3	506.5	506.3
16°	504.2	504.4	504.2	504.8	505.2	505.0
16.5°	502.6	503.3	502.8	503.4	503.6	503.6
17°	501.2	501.9	501.0	501.9	502.2	501.9
17.5°	499.6	500.2	499.5	500.2	500.6	500.6
18°	498.2	498.6	497.9	499.0	499.3	499.1
18.5°	496.6	496.8	496.4	497.3	497.5	497.7
19°	495.1	495.2	494.7	495.7	496.0	495.8
19.5°	493.5	493.3	493.2	494.1	494.2	494.2
20°	491.8	491.9	491.3	492.6	492.8	492.5
20.5°	489.9	490.2	489.9	490.3	490.7	490.8
21°	488.0	488.1	487.6	488.7	489.1	489.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997249

CATALOG NUMBER: SMX8SLSFS010-1500LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	482.1	482.6	482.2	483.3	483.1	483.5
23°	480.3	480.5	480.2	481.4	481.3	481.4
23.5°	478.2	478.3	478.5	479.4	479.1	479.6
24°	476.2	476.1	476.3	477.6	477.4	477.5
24.5°	474.1	474.1	474.2	475.6	475.1	475.5
25°	471.9	471.8	472.0	473.7	473.5	473.0
25.5°	469.8	469.7	469.9	471.6	471.0	471.2
26°	467.6	467.7	467.7	469.1	468.8	468.6
26.5°	465.3	465.3	465.3	466.7	466.2	466.5
27°	463.0	462.8	462.8	464.4	464.1	464.0
27.5°	460.5	460.5	460.5	462.0	461.6	462.0
28°	458.3	458.3	458.1	459.7	459.5	459.3
28.5°	455.6	455.7	455.7	457.1	456.8	457.0
29°	453.3	453.0	453.3	454.9	454.6	454.5
29.5°	450.7	450.6	451.1	452.4	451.9	452.3
30°	448.3	448.3	448.6	449.9	449.4	449.7
30.5°	445.7	445.6	445.9	447.2	446.8	447.2
31°	443.3	442.8	443.3	444.7	444.5	444.5
31.5°	440.5	440.2	440.6	442.0	441.7	441.9
32°	437.9	437.8	438.0	439.2	439.0	439.1
32.5°	435.2	435.3	435.7	436.7	436.3	436.8
33°	432.6	432.6	432.8	433.9	433.6	434.2
33.5°	429.9	429.7	430.1	431.3	431.1	431.1
34°	427.1	426.9	427.4	428.4	428.3	428.2
34.5°	424.1	424.1	424.5	425.3	425.5	425.6
35°	421.3	421.3	421.7	422.5	422.6	422.7
35.5°	418.3	418.1	418.8	419.6	419.8	420.0
36°	415.5	415.1	415.9	416.8	417.0	416.9
36.5°	412.4	412.4	412.6	413.7	413.8	414.0
37°	409.3	409.4	409.7	410.8	410.8	411.0
37.5°	406.1	406.4	406.8	407.4	407.8	408.1
38°	403.0	403.3	403.6	404.2	404.8	405.0
38.5°	399.8	399.9	400.4	401.1	401.6	401.9
39°	396.7	396.9	397.3	398.0	398.6	398.7
39.5°	393.8	393.7	394.3	395.0	395.5	395.6
40°	390.5	390.5	391.1	391.9	392.3	392.5
40.5°	387.2	387.2	387.7	388.6	389.0	389.1
41°	383.9	384.0	384.3	385.1	385.8	385.9
41.5°	380.6	380.6	381.0	381.8	382.3	382.6
42°	377.1	377.3	377.7	378.6	379.0	379.3
42.5°	373.8	373.9	374.5	375.1	375.8	375.9
43°	370.4	370.7	371.1	371.7	372.4	372.5
43.5°	366.8	367.0	367.8	368.2	369.0	369.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997249

CATALOG NUMBER: SMX8SLSFS010-1500LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	356.6	356.5	357.0	357.9	358.8	358.7
45.5°	353.3	353.1	353.7	354.3	355.4	355.2
46°	349.7	349.7	350.0	351.0	351.8	351.6
46.5°	346.1	346.2	346.5	347.4	348.0	348.2
47°	342.5	342.3	342.7	343.8	344.5	344.4
47.5°	338.8	338.6	339.1	340.0	340.8	340.9
48°	335.2	335.1	335.4	336.3	337.1	337.0
48.5°	331.5	331.4	331.6	332.6	333.4	333.4
49°	327.7	327.4	327.7	329.0	329.6	329.4
49.5°	324.0	323.6	324.2	324.9	325.8	325.7
50°	320.1	319.7	320.2	321.3	321.8	322.0
50.5°	316.3	315.9	316.4	317.4	318.2	318.1
51°	312.6	312.3	312.7	313.5	314.5	314.4
51.5°	308.9	308.4	308.9	309.8	310.8	310.4
52°	304.9	304.5	304.8	305.7	306.6	306.7
52.5°	301.0	300.5	300.9	301.7	302.9	302.7
53°	297.1	296.5	297.0	297.7	298.7	298.8
53.5°	293.2	292.6	293.0	293.8	294.8	294.8
54°	289.0	288.3	288.7	289.7	290.5	290.9
54.5°	284.9	284.3	284.8	285.6	286.6	286.6
55°	280.9	280.1	280.6	281.6	282.4	282.7
55.5°	276.8	276.1	276.6	277.3	278.3	278.4
56°	272.6	272.1	272.4	273.4	274.2	274.5
56.5°	268.7	268.0	268.6	269.3	270.1	270.5
57°	264.5	263.7	264.3	265.2	265.9	266.4
57.5°	260.3	259.7	260.1	260.6	261.8	261.7
58°	256.1	255.3	255.6	256.5	257.2	257.9
58.5°	252.0	251.2	251.7	252.2	253.2	253.7
59°	247.7	246.9	247.0	248.0	248.8	249.2
59.5°	243.3	242.6	242.8	243.5	244.5	244.8
60°	239.0	238.1	238.5	239.4	240.0	240.7
60.5°	234.7	233.7	234.1	234.8	235.8	236.3
61°	230.4	229.3	229.8	230.6	231.6	232.0
61.5°	226.0	224.9	225.7	226.1	227.3	227.7
62°	221.5	220.6	221.0	221.8	222.9	223.2
62.5°	217.0	216.2	216.5	217.2	218.3	218.9
63°	212.6	211.7	212.1	212.7	213.7	214.3
63.5°	208.1	207.2	207.6	208.2	209.3	210.0
64°	203.6	202.6	203.2	203.8	204.8	205.1
64.5°	199.1	198.2	198.5	199.1	200.4	200.7
65°	194.8	193.6	193.9	194.7	195.7	196.3
65.5°	190.3	188.9	189.7	190.2	191.3	192.0
66°	185.9	184.5	185.1	185.6	186.7	187.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997249

CATALOG NUMBER: SMX8SLSFS010-1500LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	172.0	170.8	171.2	172.0	173.1	173.4
68°	167.4	166.1	166.6	167.3	168.5	168.7
68.5°	162.9	161.6	161.9	162.4	163.9	164.5
69°	158.3	156.8	157.2	157.9	159.1	159.7
69.5°	153.5	152.2	152.5	153.1	154.4	154.9
70°	149.0	147.5	148.0	148.6	149.9	150.5
70.5°	144.2	142.9	143.3	144.0	145.2	145.8
71°	139.5	138.2	138.7	139.4	140.5	141.1
71.5°	134.8	133.5	133.9	134.7	136.0	136.4
72°	130.1	128.8	129.1	130.0	131.2	131.9
72.5°	125.4	124.1	124.6	125.3	126.5	127.0
73°	120.7	119.3	119.9	120.5	121.7	122.3
73.5°	116.2	114.8	115.0	115.9	117.3	117.5
74°	111.5	110.2	110.7	111.2	112.5	112.9
74.5°	107.0	105.6	106.1	106.8	108.1	108.5
75°	102.5	100.9	101.4	102.2	103.4	104.0
75.5°	97.8	96.5	96.8	97.4	98.6	99.3
76°	93.2	91.9	92.3	93.0	94.0	94.6
76.5°	88.5	87.2	87.6	88.3	89.4	90.0
77°	84.0	82.7	83.2	83.9	84.8	85.5
77.5°	79.5	78.1	78.6	79.3	80.4	80.9
78°	75.0	73.8	74.2	75.0	75.8	76.5
78.5°	70.8	69.4	69.8	70.5	71.5	72.1
79°	66.6	65.2	65.6	66.3	67.2	67.9
79.5°	62.2	60.7	61.2	62.0	63.0	63.6
80°	58.2	56.7	56.9	57.8	58.7	59.3
80.5°	54.3	52.6	52.8	53.7	54.6	55.0
81°	50.2	48.5	48.9	49.7	50.4	51.2
81.5°	46.1	44.6	44.9	45.7	46.4	47.2
82°	42.3	40.5	41.0	41.7	42.4	43.0
82.5°	38.5	36.6	37.0	37.7	38.4	38.9
83°	34.9	32.7	33.1	33.7	34.6	35.2
83.5°	31.4	29.1	29.7	30.1	30.9	31.5
84°	27.8	26.1	26.5	27.0	27.7	28.1
84.5°	24.9	23.0	23.3	23.9	24.5	24.9
85°	21.7	19.9	20.3	20.9	21.5	21.9
85.5°	18.8	17.2	17.6	18.1	18.6	18.9
86°	16.1	14.7	15.1	15.6	16.0	16.2
86.5°	13.6	12.4	12.8	13.3	13.6	13.7
87°	11.3	10.3	10.7	11.2	11.5	11.5
87.5°	9.5	8.5	9.1	9.5	9.6	9.5
88°	7.5	7.0	7.5	7.9	7.9	7.9
88.5°	6.0	5.7	6.4	6.6	6.5	6.6

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Scaled Data Report



TEST NUMBER: P997249

CATALOG NUMBER: SMX8SLSFS010-1500LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180° - - 45°-225° - - - - 90°-270° - · - 135°-315°

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21.5°	487.3	488.1	487.6	487.5	487.4	487.2	487.3	486.4	485.4	485.9	486.0
22°	485.2	486.0	485.9	485.7	485.8	485.2	485.2	484.4	483.4	484.0	484.3



44°	365.5	366.5	366.6	366.7	366.9	366.1	365.8	364.8	364.1	364.7	364.1
44.5°	362.2	363.0	363.3	363.3	363.2	362.8	362.1	361.6	360.5	361.3	360.6



66.5°	182.7	183.9	184.5	184.5	186.0	185.4	185.0	184.1	182.8	182.3	181.6
67°	178.1	179.3	179.8	180.1	181.4	180.9	180.6	179.4	178.3	177.8	177.1



89°	5.2	5.5	5.4	5.1	5.2	5.3	5.2	4.7	4.5	4.5	4.7
89.5°	4.0	4.3	4.3	4.0	3.8	3.9	3.8	3.5	3.2	3.4	3.6

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21.5°	486.1	486.3	485.9	487.0	487.2	487.3
22°	484.4	484.6	483.9	485.2	485.4	485.2

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44°	363.5	363.4	364.1	364.9	365.6	365.5
44.5°	360.0	360.0	360.6	361.2	362.2	362.2

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66.5°	181.3	180.0	180.6	181.2	182.3	182.7
67°	176.9	175.5	175.8	176.5	177.5	178.1

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89°	4.7	4.5	5.1	5.4	5.3	5.2
89.5°	3.5	3.7	4.2	4.4	4.3	4.0

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(END OF REPORT)